

5.5 Village of Virginia Gardens

The Village of Virginia Gardens is primarily a residential community located west of 57 Ave. and north of NW 36 Street to NW 41 Street. The northern limits of the Village abut the City of Miami Springs.

The primary canals serving the Village are the C-6 (Miami Canal),



the FEC Canal, the C-2 extension, Northline Canal, and the Melrose Canal. The C-4 Canal connects to the FEC Canal and directly impacts the Village.

Storm drainage and flood control are the areas of greatest concern to the Village. Major changes by the South Florida Water Management District

(the District) since 1988 in how they operate the canal systems in Miami-Dade County have resulted in higher groundwater levels within the Village.

The Village's existing drainage infrastructure is entirely dependent on groundwater levels, which have had a major negative impact on the Village's ability to provide storm drainage and flood control. Hurricane Irene flooded the entire Village for several days.

There is urgent need for either operational change by the District to their complex water management system, or the construction of major flood control improvements by the Village, or some combination of these two.

The Village of Virginia Gardens has developed a phased solution for the complex problem facing its residents. The Village respectfully request items indicated in Phase I immediately.

Phase I (Total \$65,000):

Immediate flood relief for the typical summer rain event (3 year one hour storm);

Obtain two (2) trailer-mounted 6-inch pumps and 1000 feet of flexible hose;

Obtain associated utility service vehicle to assist in the placement of hose and pumps.



Phase II (Total \$650,000):

Flood relief for the significant summer rain event (five year one hour storm); Installation of three (3) pump stations with associated piping and electrical connections; Installation of new force main and head wall to nearby FEC canal.



Phase III (Future repairs and infrastructure improvements):



The Village is assessing Hurricane Irene damages on roadways and drainage systems. It will request FEMA 404 and 406 mitigation grant assistance and monies to address these problems.

Further information on the Village of Virginia Gardens can be found in Appendix N. Please refer to the maps

at the beginning of Chapter 5 for the locations of each trouble area within the north, central and south parts of Miami-Dade County.